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J1062 U.S. PRO

10/074500  
JC971 U.S. PTO

02/11/03

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL  
Under 37 C.F.R. 1.53(b)**

PD-201104

Feng-Wen Sun

# A METHOD AND SYSTEM FOR PROVIDING A SEMI-DATA AIDED FREQUENCY ESTIMATOR FOR QQPSK

20991

Sir:

Transmitted herewith for filing is the patent application including:

**ACCOMPANYING APPLICATION PARTS:**

4. ☒ Assignment (cover sheet and documents)
5. ☒ Power of Attorney (included in Oath or Declaration)
6. ☐ Information Disclosure Statement (IDS/PTO1449)
  - a. ☐ Copies of IDS Citations
7. ☐ Preliminary Amendment
8. ☒ Return Receipt Postcard (MPEP 503)
9. ☐ Certified Copy of Priority Documents  
(If foreign priority is claimed)
10. ☐ Other

☐ Continuation      ☐ Divisional      ☐ Continuation-in-part (CIP) of prior application No.

Prior application information: Examiner:

*Group/Art Unit:*

**For CONTINUATION or DIVISIONAL applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**

- a. ☐ Amend the Specification by inserting before the first line the following sentence:  
-- --
- b. ☐ The prior application is assigned to HUGHES ELECTRONICS CORPORATION.
- c. ☐ The power of attorney of the prior application is to \_\_\_\_\_.
- d. ☐ Please cancel claims \_\_\_\_\_ in the prior application before calculating the filing fee below.
- e. ☐ I hereby certify that the attached papers are a true copy of the prior application Serial No. \_\_\_\_\_ as originally filed on \_\_\_\_\_.

**12. FEE TRANSMITTAL:**

	No. Filed		Extra	Rate	Fee
Basic Fee				\$ 740.00	\$ 740.00
Total Claims	25	- 20 =	5 x	\$ 18.00 =	\$ 90.00
Independent Claims	2	- 3 =	0 x	\$ 84.00 =	\$ 0.00
Multiple Dependent Claims			n (Y/N)	\$ 270.00	\$ 0.00
<b>TOTAL FILING FEE</b>					<b>\$ 830.00</b>

Please charge deposit account No. 50-0383 of Hughes Electronics Corporation, El. Segundo, California, in the amount of the Total Filing Fee calculated above. The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment, to that deposit account.

13. The Commissioner is hereby further authorized to charge Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees that may properly become due or payable, as set forth in 37 CFR 1.16 and 1.17, for the entire pendency of this application without any additional authorization.

14. This form is being submitted in triplicate.

**15. CORRESPONDENCE ADDRESS:**

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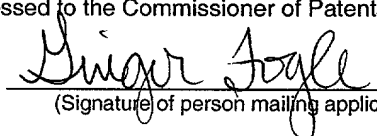
Certification under 37 CFR 1.10 (if applicable)

EE853900011US  
EXPRESS MAIL Mailing No.

2/11/2002  
Date of Deposit (m/d/yyyy)

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Ginger Fogle  
(Type or printed name of person mailing application)

  
(Signature of person mailing application)